

Converting Colors

Hex(7F67AA)

Have a look what the booklet for
Hex(7F67AA) contains.

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Color

Hex(7F67AA)

Conversions

Conversions Part 1

Format	Color
Hex	7F67AA
RGB	127, 103, 170
RGB Percent	50%, 40%, 67%
CMY	0.5020, 0.5961, 0.3333
CMYK	0.25, 0.39, 0.00, 0.33
HSL	261°, 28%, 54%
HSV	261°, 39%, 67%
XYZ	20.8583, 17.1148, 40.2343
YIQ	117.8140, -7.2030, 25.9250

Conversions

Conversions Part 2

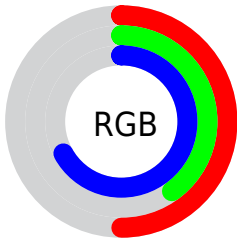
Format	Color
R_{YB}	127, 103, 170
Decimal	8349610
CIE _{Lab}	48.40, 23.99, -32.48
CIE _{LCh}	48, 40.374, 306.447
Yxy	17.1148, 0.2667, 0.2188
Android (android.graphics.Color)	4286539690 (0xFF7F67AA)
YUV	117.8140, 25.7277, 8.0561
Hunter-Lab	41.3700, 17.6003, -28.7033

Details

The Hex color **7F67AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **92AA67**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B59AE2**, and **4C3875** is the 20% darker color. If you saturate the color by 10%, you get **7456AA**, and if you desaturate by 10%, it is **8A78AA**.

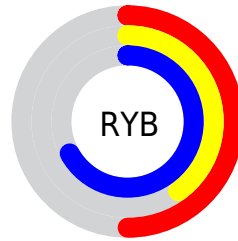
Distribution



Red (50%)

Green (40%)

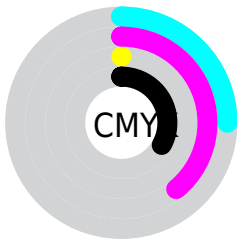
Blue (67%)



Red (50%)

Yellow (40%)

Blue (67%)

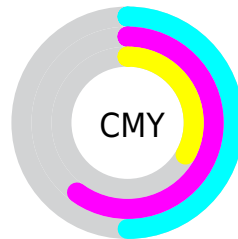


Cyan (25%)

Magenta (39%)

Yellow (0%)

Black (33%)



Cyan (50%)

Magenta (60%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F67AA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7F67AA by changing the saturation by 10% instead.

■ 7F67AA

■ 7F67AA

FFFFFF

■ 654F8F

■ B59AE2

■ 4C3875

■ D1B5FE

■ 33225C

■ EED1FF

■ 1B0D44

■ FFEDFF

■ 02002E

■ 000118

■ 000000

■ 7F67AA

■ 7F67AA

■ 7456AA

■ 8A78AA

6945AA

9589AA

5E34AA

A09AAA

5323AA

ABABAA

4812AA

B6BCAA

3E01AA

C0CDAA

3D00AA

CBDEAA

D6EFAA

E1FFAA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4374B7



7F67AA



A35A8F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7F67AA



9C6734



008479

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7F67AA



92AA67

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



298256



7F67AA



80732C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7F67AA



AF5B4C



5C7D3A



00839B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7F67AA



AF5678



5C7D3A



00846E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7F67AA



CDC3DE



6793AA



666070



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7F67AA



9B76DE



A067AA



4F4C54



350094



070014

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AA6792



DE76B8



71AA67



544C51



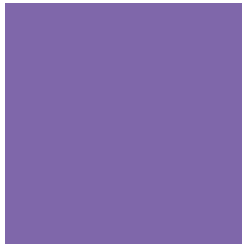
94005F



14000D

Previews

White Background



This preview shows how the Hex color 7F67AA looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

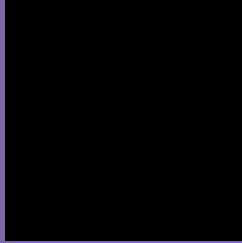
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7F67AA Background



This preview shows how black text looks on a background with the Hex color 7F67AA.

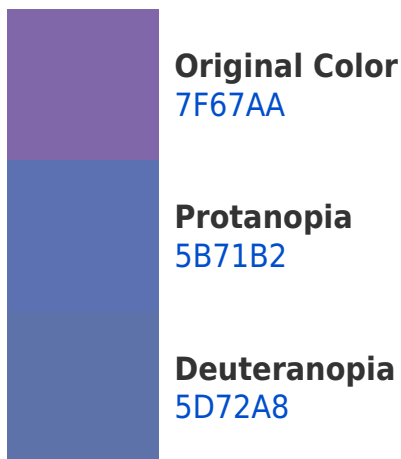


This preview shows how white text looks on a background with the Hex color 7F67AA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

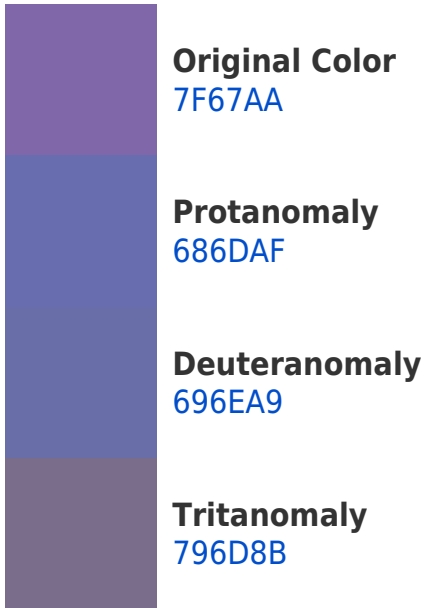
Dichromacy



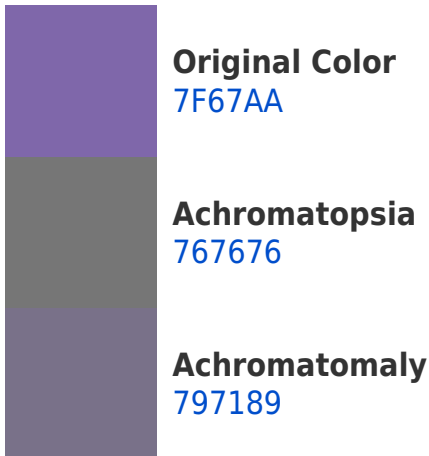


Tritanopia
76717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F67AA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7F67AA looks like.

```
.text, #text, p{  
    color:#7F67AA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7F67AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F67AA
}
```

Border

The CSS property to change the border of an element to Hex 7F67AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F67AA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7F67AA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7F67AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F67AA; -webkit-box-shadow:4px 4px  
4px 4px #7F67AA; box-shadow:4px 4px 4px  
4px #7F67AA }
```

Background

The CSS property to change the background color of an element to Hex 7F67AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F67AA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7F67AA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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